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15 (N/6)

REQUEST FOR ACCESS

Date: 1/30/96
Serial Number: 904,662
Filing Date: 09/08/92
Applicants: Anderson et al.

Sir.

Request is hereby respectfully made for access to the file history of the following
abandoned application referred to in U.S. patent number 5,399,346 or printed
application number _____.

Respectfully submitted,

Eden Maybell

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FILE INFORMATION UNIT

130

United States Patent [19]

Anderson et al.

US005399346A

[11] Patent Number: 5,399,346

[45] Date of Patent: Mar. 21, 1995

[54] GENE THERAPY

[75] Inventors: W. Francis Anderson, Bethesda; R. Michael Blasee, Rockville; Steven A. Rosenberg, Bethesda, all of Md.

[73] Assignee: The United States of America as represented by the Department of Health and Human Services, Washington, D.C.

[21] Appl. No.: 220,175

[22] Filed: Mar. 30, 1994

Related U.S. Application Data

[63] Continuation of Ser. No. 904,662, Sep. 8, 1992, abandoned, which is a continuation-in-part of Ser. No. 868,794, Apr. 15, 1992, abandoned, which is a continuation-in-part of Ser. No. 807,446, Dec. 13, 1991, abandoned, which is a continuation-in-part of Ser. No. 365,567, Jun. 14, 1989, abandoned.

[51] Int. Cl.⁶ A61K 48/00; C12N 5/22;
C12N 15/63; C12N 15/09

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435/240.2; 435/69.5; 435/69.51; 435/69.52;
935/62; 935/22; 935/32; 935/34; 935/57;
935/79

[58] Field of Search 935/22, 32, 34, 57,
935/62, 79; 435/172.3, 240.2; 69.5, 69.51, 69.52;
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[57] ABSTRACT

Primary human cells which are genetically engineered with DNA (RNA) encoding a marker or therapeutic which is expressed to be expressed in vivo. Such engineered cells may be used in gene therapy.

14 Claims, 6 Drawing Sheets

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